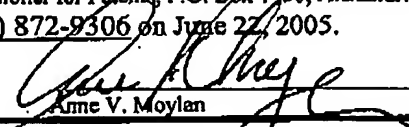


<h2 style="margin: 0;">TRANSMITTAL FORM</h2>	Application Serial Number	10/689,165
	Filing Date	October 20, 2003
	First Named Inventor	Donald K. Smith
	Group Art Unit	3742
	Examiner Name	Paschall, M.
	Attorney Docket No.	ASX-015C4
	Patent No.	Not applicable
	Issue Date	Not applicable


  

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Check Attached <input type="checkbox"/> Copy of Fee Transmittal Form  <input checked="" type="checkbox"/> Amendment/Response <input checked="" type="checkbox"/> Preliminary (Second) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]  <input type="checkbox"/> Petition for Extension of Time  <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Form PTO-1449 <input type="checkbox"/> Copies of IDS Citations  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Sequence Listing submission <input type="checkbox"/> Paper Copy/CD <input type="checkbox"/> Computer Readable Copy <input type="checkbox"/> Statement verifying identity of above	<input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)  <input type="checkbox"/> Formal Drawing(s)  <input type="checkbox"/> Request For Continued Examination (RCE) Transmittal  <input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application  <input type="checkbox"/> Small Entity Statement  <input type="checkbox"/> CD(s) for large table or computer program  <input type="checkbox"/> Amendment After Allowance	<input type="checkbox"/> Request for Certificate of Correction <input type="checkbox"/> Certificate of Correction (in duplicate)  <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences  <input type="checkbox"/> Appeal Brief (in triplicate)  <input type="checkbox"/> Status Inquiry  <input type="checkbox"/> Return Receipt Postcard  <input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8  <input type="checkbox"/> Additional Enclosure(s) (please identify below)

CERTIFICATE OF FACSIMILE TRANSMISSION	
<p>I hereby certify that this correspondence, and any document(s) referred to as enclosed herein, are being faxed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 at Facsimile No. (703) 872-9306 on June 22, 2005.</p> <p align="right">           Anne V. Moylan       </p>	

CORRESPONDENCE ADDRESS	SIGNATURE BLOCK
Direct all correspondence to: Patent Administrator Proskauer Rose LLP One International Place Boston, MA 02110-2600 Tel. No.: (617) 526-9600 Fax No.: (617) 526-9899	<p align="right">Respectfully submitted,</p> <p align="right">           Erik Saarnaa          Agent for the Applicant(s)          Proskauer Rose LLP          One International          Boston, MA 02110-2600       </p> <p>Date: June 22, 2005          Reg. No.: 56,834          Tel. No.: (617) 526-9712          Fax No.: (617) 526-9899</p>

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**PATENT**  
Attorney Docket No.: ASX-015C4

APPLICANTS: Smith et al.  
SERIAL NO.: 10/689,165 GROUP NO.: 3742  
FILING DATE: October 20, 2003 EXAMINER: Paschall, M.  
TITLE: TOROIDAL LOW-FIELD REACTIVE GAS SOURCE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SECOND PRELIMINARY AMENDMENT**

Please enter the following second Preliminary Amendment before beginning examination of the above-identified patent application. In the event any fees are due, the Commissioner is hereby authorized to charge any such fees to Attorney's Deposit Account No. 50-3081.

**Amendments to the Claims begin on page 2.**

**Remarks begin on page 5.**